

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

3c997 U.S. PTO
09/982586
10/17/01

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50001/002005
		Serial No.	Not yet assigned
		Applicant	George A. Gaitanaris
		Filing Date	October 17, 2001
		Group	
		IDS Filed	October 17, 2001

U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	5,922,927	07/13/99	Bujard et al.			
	5,922,601	07/13/99	Baetscher et al.			
	5,912,411	06/15/99	Bujard et al.			
	5,888,981	03/30/99	Bujard et al.			
	5,654,168	08/05/97	Bujard et al.			
	5,464,758	11/07/95	Gossen et al.			
	5,364,783	11/15/94	Ruley et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 99/07389	02/18/99	PCT			
	WO 98/14614	04/09/98	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Adra et al., "Cloning and expression of the mouse <i>pgk-1</i> gene and the nucleotide sequence of its promoter," Gene 60:65-74 (1987)
	Allende et al., "Insertional mutagenesis in zebrafish identifies two novel genes, <i>pescadillo</i> and <i>dead eye</i> , essential for embryonic development," Genes Dev. 10:3141-3155 (1996)
	Altman, S., "Commentary—RNA enzyme-directed gene therapy," Proc. Natl. Acad. Sci. USA 90:10898-10900 (1993)
	Ashfield et al., "Transcriptional termination between the closely linked human complement genes C2 and Factor B: common termination factor for C2 and <i>c-myc</i> ?" The EMBO Journal 10(13):4197-4207 (1991)
	Balling et al., "Craniofacial Abnormalities Induced by Ectopic Expression of the Homeobox Gene <i>Hox-1.1</i> in Transgenic Mice," Cell 58:337-347 (1989)
	Ballinger and Benzer, "Targeted gene mutations in <i>Drosophila</i> ," Proc. Natl. Acad. Sci. USA 86:9402-9406 (1989)
	Barillot et al., "Theoretical analysis of library screening using a N-dimensional pooling strategy," Nucleic Acids Research 19(22):6241-6247 (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50001/002005 Not yet assigned George A. Gaitanaris October 17, 2001 October 17, 2001
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Behringer et al., "Dwarf mice produced by genetic ablation of growth hormone-expressing cells," <i>Genes & Development</i> 2: 453-461 (1988)		
	Bergemann et al., "Excision of specific DNA-sequences from integrated retroviral vectors via site-specific recombination," <i>Nucleic Acids Research</i> 23(21):4451-4456 (1995)		
	Bishop, J. M., "Molecular Themes in Oncogenesis," <i>Cell</i> 64:235-248 (1991)		
	Black et al., "Creation of drug-specific herpes simplex virus type 1 thymidine kinase mutants for gene therapy," <i>Proc. Natl. Acad. Sci. USA</i> 93:3525-3529 (1996)		
	Borrelli et al., "Transgenic mice with inducible dwarfism," <i>Nature</i> 339:538-541 (1989)		
	Bradley et al., "Formation of germ-line chimaeras from embryo-derived teratocarcinoma cell lines," <i>Nature</i> 309:255-256 (1984)		
	Brand and Perrimon, "Targeted gene expression as a means of altering cell fates and generating dominant phenotypes," <i>Development</i> 118:401-415 (1993)		
	Breitman et al., "Genetic Ablation in Transgenic Mice with an Attenuated Diphtheria Toxin A Gene," <i>Molecular and Cellular Biology</i> 10(2):474-479 (1990)		
	Breitman et al., "Analysis of lens cell fate and eye morphogenesis in transgenic mice ablated for cells of the lens lineage," <i>Development</i> 106:457-463 (1989)		
	Breitman et al., "Genetic Ablation: Targeted Expression of a Toxin Gene Causes Microphthalmia in Transgenic Mice," <i>Science</i> 238:1563-1565 (1987)		
	Bremer et al., "VDE endonuclease cleaves <i>Saccharomyces cerevisiae</i> genomic DNA at a single site: physical mapping of the VMA1 gene," <i>Nucleic Acids Research</i> 20(20):5484 (1992)		
	Brenner et al., "Analysis of mammalian cell genetic regulation <i>in situ</i> by using retrovirus-derived 'portable exons' carrying the <i>Escherichia coli lacZ</i> gene," <i>Proc. Natl. Acad. Sci. USA</i> 86:5517-5521 (1989)		
	Burns et al., "Large-scale analysis of gene expression, protein localization, and gene disruption in <i>Saccharomyces cerevisiae</i> ," <i>Genes & Development</i> 8:1087-1105 (1994)		
	Capecchi, M. R., "Altering the Genome by Homologous Recombination," <i>Science</i> 244:1288-1292 (1989)		
	Cepko et al., "Lineage Analysis Using Retrovirus Vectors," <i>Methods in Enzymology</i> 225:933-960 (1993)		
	Chalfie et al., "Green Fluorescent Protein as a Marker for Gene Expression," <i>Science</i> 263:802-805 (1994)		
	Cheng et al., "Use of green fluorescent protein variants to monitor gene transfer and expression in mammalian cells," <i>Nature Biotechnology</i> 14:606-609 (1996)		
	Choulika et al., "Transfer of Single Gene-Containing Long Terminal Repeats into the Genome of Mammalian cells by a Retroviral Vector Carrying the <i>cre</i> Gene and the <i>loxP</i> Site," <i>Journal of Virology</i> 70(3):1792-1798 (1996)		
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))		Attorney Docket No. 50001/002005 Serial No. Not yet assigned Applicant George A. Gaitanaris Filing Date October 17, 2001 Group IDS Filed October 17, 2001
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)		
	Chun and Goebel, "The Identification of Transposon-Tagged Mutations in Essential Genes that Affect Cell Morphology in <i>Saccharomyces cerevisiae</i> ," Genetics 142:30-50 (1996).	
	Collins, F. S., "Ahead of schedule and under budget: The Genome Project passes its fifth birthday," Proc. Natl. Acad. Sci. USA 92:10821-10823 (1995)	
	Copp, A. J., "Death before birth: clues from gene knockouts and mutations," Trends in Genetics 11(3):87-93 (1995)	
	Counter et al., "Telomerase activity in human ovarian carcinoma," Proc. Natl. Acad. Sci. USA 91:2900-2904 (1994)	
	Dalby et al., "An Inverse PCR Screen for the Detection of P Element Insertions in Cloned Genomic Intervals in <i>Drosophila melanogaster</i> ," Genetics 139:757-766 (1995)	
	Das et al., "Upstream regulatory elements are necessary and sufficient for transcription of a U6 RNA gene by RNA polymerase III," The EMBO Journal 7(2):503-512 (1988)	
	de Lange, T., "Commentary—Activation of telomerase in a human tumor," Proc. Natl. Acad. Sci. USA 91:2882-2885 (1994)	
	Dymecki, S. M., "Flp recombinase promotes site-specific DNA recombination in embryonic stem cells and transgenic mice," Proc. Natl. Acad. Sci. USA 93:6191-6196 (1996)	
	Dzierzak et al., "Thy-1 tk transgenic mice with a conditional lymphocyte deficiency," International Immunology 5(8):975-984 (1993)	
	Evans and Lewis, "Physical mapping of complex genomes by cosmid multiplex analysis," Proc. Natl. Acad. Sci. USA 86: 5030-5034 (1989)	
	Evans and Kaufman, "Establishment in culture of pluripotential cells from mouse embryos," Nature 292:154-156 (1981)	
	Ewald et al., "Time-Sensitive Reversal of Hyperplasia in Transgenic Mice Expressing SV40 T Antigen," Science 273:1384-1386 (1996)	
	Forrester et al., "An induction gene trap screen in embryonic stem cells: Identification of genes that respond to retinoic acid <i>in vitro</i> ," Proc. Natl. Acad. Sci. USA 93:1677-1682 (1996)	
	Frankel et al., "Role of Arginine 180 and Glutamic Acid 177 of Ricin Toxin A Chain in Enzymatic Inactivation of Ribosomes," Molecular and Cellular Biology 10:6257-6263 (1990)	
	Frankel et al., "Selection and Characterization of Ricin Toxin A-Chain Mutations in <i>Saccharomyces cerevisiae</i> ," Molecular and Cellular Biology 9(2):415-420 (1989)	
	Friedrich and Soriano, "Promoter traps in embryonic stem cells: a genetic screen to identify and mutate developmental genes in mice," Genes & Development 5:1513-1523 (1991)	
	Goodwin and Rottman, "The 3'-Flanking Sequence of the Bovine Growth Hormone Gene Contains Novel Elements Required for Efficient and Accurate Polyadenylation," The Journal of Biological Chemistry 267(23):16330-16334 (1992)	
EXAMINER		DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.		

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50001/002005 Not yet assigned George A. Gaitanaris October 17, 2001 October 17, 2001
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Gossen et al., "Transcriptional Activation by Tetracyclines in Mammalian Cells," Science 268:1766-1769 (1995)		
	Gossler et al., "Mouse Embryonic Stem Cells and Reporter Constructs to Detect Developmentally Regulated Genes," Science 244:463-465 (1989)		
	Green and Olson, "Systematic screening of yeast artificial-chromosome libraries by use of the polymerase chain reaction," Proc. Natl. Acad. Sci. USA 87:1213-1217 (1990)		
	Gu et al., "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type—Specific Gene Targeting," Science 265:103-106 (1994)		
	Halder et al., "Induction of Ectopic Eyes by Targeted Expression of the <i>eyeless</i> gene in <i>Drosophila</i> ," Science 267:1788-1792 (1995)		
	Hansbrough et al., "A Transgenic Mouse Model for Studying the Lineage Relationships and Differentiation Program of Type II Pneumocytes at Various Stages of Lung Development," The Journal of Biological Chemistry 268(13):9762-9770 (1993)		
	Heim et al., "Wavelength mutations and posttranslational autooxidation of green fluorescent protein," Proc. Natl. Acad. Sci. USA 91:12501-12504 (1994)		
	Heyman et al., "Thymidine kinase obliteration: Creation of transgenic mice with controlled immune deficiency," Proc. Natl. Acad. Sci. U.S.A. 86:2698-2702 (1989)		
	Hirsh and Vanderslice, "Temperature-Sensitive Developmental Mutants of <i>Caenorhabditis elegans</i> ," Developmental Biology 49:220-235 (1976)		
	Hofmann et al., "Rapid retroviral delivery of tetracycline-inducible genes in a single autoregulatory cassette," Proc. Natl. Acad. Sci. USA 93:5185-5190 (1996)		
	Hunter, T., "Cooperation between Oncogenes," Cell 64:249-270 (1991)		
	Iida et al., "Inducible Gene Expression by Retrovirus-Mediated Transfer of a Modified Tetracycline-Regulated System," Journal of Virology 70(9):6054-6059 (1996)		
	Jaenisch, R., "Transgenic Animals," Science 240:1468-1474 (1988)		
	Jat et al., "Direct derivation of conditionally immortal cell lines from an <i>H-2K^b</i> -tsA58 transgenic mouse," Proc. Natl. Acad. Sci. USA 88:5096-5100 (1991)		
	Jürgens et al., "Genetic analysis of pattern formation in the <i>Arabidopsis</i> embryo," Development Supplement 1:27-38 (1991)		
	Kaiser et al., "'Site-selected' transposon mutagenesis of <i>Drosophila</i> ," Proc. Natl. Acad. Sci. USA 87:1686-1690 (1990)		
	Kalnins et al., "Sequence of the <i>lacZ</i> gene of <i>Escherichia coli</i> ," The EMBO Journal 2(4):593-597 (1983)		
	Kessel et al., "Variations of Cervical Vertebrae after Expression of a <i>Hox-1.1</i> Transgene in Mice," Cell 61:301-308 (1990)		
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50001/002005 Not yet assigned George A. Gaitanaris October 17, 2001 October 17, 2001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			
(37 CFR §1.98(b))			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	King et al., "Insertion Mutagenesis of Embryonal Carcinoma Cells by Retroviruses," <i>Science</i> 228:554-558 (1985)		
	Kratochwil et al., "Retrovirus-Induced Insertional Mutation in <i>Mov13</i> Mice Affects Collagen I Expression in a Tissue-Specific Manner," <i>Cell</i> 57:807-816 (1989)		
	Kuehn et al., "A potential animal model for Lesch—Nyhan syndrome through introduction of HPRT mutations into mice," <i>Nature</i> 326:295-298 (1987)		
	Kühn et al., "Inducible Gene Targeting in Mice," <i>Science</i> 269:1427-1429 (1995)		
	Kunes and Steller, "Ablation of <i>Drosophila</i> photoreceptor cells by conditional expression of a toxin gene," <i>Genes & Development</i> 5:970-983 (1991)		
	Kwiatkowski Jr. et al., "Rapid identification of yeast artificial chromosome clones by matrix pooling and crude lysate PCR," <i>Nucleic Acids Research</i> 18(23):7191-7192 (1990)		
	Landel et al., "Lens-specific expression of recombinant ricin induces developmental defects in the eyes of transgenic mice," <i>Genes & Development</i> 2:1168-1178 (1988)		
	Levitt et al., "Definition of an efficient synthetic poly(A) site," <i>Genes & Development</i> 3:1019-1025 (1989)		
	Levy et al., "Retroviral transfer and expression of a humanized, red-shited green fluorescent protein gene into human tumor cells," <i>Nature Biotechnology</i> 14:610-614 (1996)		
	Lipshutz et al., "Using Oligonucleotide Probe Arrays to Access Genetic Diversity," <i>BioTechniques</i> 19(3):442-447 (1995)		
	Liu and Altman, "Inhibition of viral gene expression by the catalytic RNA subunit of Rnase P from <i>Escherichia coli</i> ," <i>Genes & Development</i> 9:471-480 (1995)		
	Lu et al., "Retroviral Insertional Mutagenesis as a Strategy for the Identification of Genes Associated with <i>cis</i> -Diamminedichloroplatinum(II) Resistance," <i>Cancer Research</i> 55:1139-1145 (1995)		
	Mayer et al., "Mutations affecting body organization in the <i>Arabidopsis</i> embryo," <i>Nature</i> 353:402-407 (1991).		
	Moffat et al., "Inducible cell ablation in <i>Drosophila</i> by cold-sensitive ricin A chain," <i>Development</i> 114:681-687 (1992)		
	Morgan et al., "Retroviral vectors containing putative internal ribosome entry sites: development of a polycistronic gene transfer system and applications to human gene therapy," <i>Nucleic Acids Research</i> 20(6):1293-1299 (1992)		
	Mortensen et al., "Production of Homozygous Mutant ES Cells with a Single Targeting Construct," <i>Molecular and Cellular Biology</i> 12(5):2391-2395 (1992)		
	Mueller and Wold, "In Vivo Footprinting of a Muscle Specific Enhancer by Ligation Mediated PCR," <i>Science</i> 246:780-786 (1989)		
EXAMINER	DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50001/002005 Not yet assigned George A. Gaitanaris October 17, 2001 October 17, 2001		
		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Nagy and Rossant, "Perspectives Series: Molecular Medicine in Genetically Engineered Animals. Targeted Mutagenesis: Analysis of Phenotype without Germ Line Transmission," J. Clin. Invest. 97(6):1360-1365 (1996)				
	Naldini et al., "In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector," Science 272:263-267 (1996)				
	Nirenberg and Cepko, "Targeted Ablation of Diverse Cell Classes in the Nervous System <i>in vivo</i> ," The Journal of Neuroscience 13(8):3238-3251 (1993)				
	No et al., "Ecdysone-inducible gene expression in mammalian cells and transgenic mice," Proc. Natl. Acad. Sci. USA 93:3346-3351 (1996)				
	Nusse, R., "The activation of cellular oncogenes by retroviral insertion," Trends in Genetics 2(9): 244-247 (1986)				
	Nüsslein-Volhard and Wieschaus, "Mutations affecting segment number and polarity in <i>Drosophila</i> ," Nature 287:795-801 (1980)				
	Ochman et al., "Genetic Applications of an Inverse Polymerase Chain Reaction," Genetics 120:621-625 (1988)				
	Olson et al., "Know Your Neighbors: Three Phenotypes in Null Mutants of the Myogenic bHLH Gene <i>MRF4</i> ," Cell 85:1-4 (1996)				
	Osborne and Baker, "Movers and shakers: maize transposons as tools for analyzing other plant genomes," Current Opinion in Cell Biology 7:406-413 (1995)				
	Paulus et al., "Self-Contained, Tetracycline-Regulated Retroviral Vector System for Gene Delivery to Mammalian Cells," Journal of Virology 70(1):62-67 (1996)				
	Quaife et al., "Pancreatic Neoplasia Induced by <i>ras</i> Expression in Acinar Cells of Transgenic Mice," Cell 48:1023-1034 (1987)				
	Rajewsky et al., "Prospectives Series: Molecular Medicine in Genetically Engineered Animals. Conditional Gene Targeting," J. Clin. Invest. 98(3):600-603 (1996)				
	Ramirez-Solis et al., "Chromosome engineering in mice," Nature 378:720-724 (1995)				
	Reddy et al., "Retrovirus Promoter-Trap Vector to Induce <i>lacZ</i> Gene Fusions in Mammalian Cells," Journal of Virology 65(3):1507-1515 (1991)				
	Reddy et al., "Fluorescence-activated sorting of totipotent embryonic stem cells expressing developmentally regulated <i>lacZ</i> fusion genes," Proc. Natl. Acad. Sci. USA 89:6721-6725 (1992)				
	Riley and Grunwald, "Efficient Induction of point mutations allowing recovery of specific locus mutations in zebrafish," Proc. Natl. Acad. Sci. USA 92:5997-6001 (1995)				
	Robb et al., "The <i>scf</i> gene product is required for the generation of all hematopoietic lineages in the adult mouse," The EMBO Journal 15(16):4123-4129 (1996)				
	Robberson et al., "Exon Definition May Facilitate Splice Site Selection in RNAs with Multiple Exons," Molecular and Cellular Biology 10(1):84-94 (1990)				
EXAMINER	DATE CONSIDERED				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.					

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50001/002005
		Serial No.	Not yet assigned
		Applicant	George A. Gaitanaris
		Filing Date	October 17, 2001
		Group	October 17, 2001
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Robertson, E. J., "Pluripotential stem cell lines as a route into the mouse germ line," Trends in Genetics 2(1): 9-13 (1986)		
	Roe et al., "Integration of murine leukemia virus DNA depends on mitosis," The EMBO Journal 12:2099-2108 (1993)		
	Rosenthal et al., "Genomic walking and sequencing by oligo-cassette mediated polymerase chain reaction," Nucleic Acids Research 18(10):3095-3096 (1990)		
	Rossant and Nagy, "Genome engineering: the new mouse genetics," Nature Medicine 1(6):592-594 (1995)		
	Salomon et al., "A Truncated Herpes Simplex Virus Thymidine Kinase Phosphorylates Thymidine and Nucleoside Analogs and Does Not Cause Sterility in Transgenic Mice," Molecular and Cellular Biology 15(10):5322-5328 (1995)		
	Sandmüller et al., "A Transgenic Mouse Model for Lung Adenocarcinoma," Cell Growth & Differentiation 6:97-103 (1995)		
	Sauer, B. "Manipulation of Transgenes by Site-Specific Recombination: Use of Cre Recombinase," Methods in Enzymology 225:890-900 (1993)		
	Scanlon et al., "Genetic Analysis of 63 Mutations Affecting Maize Kernel Development Isolated from <i>Mutator</i> Stocks," Genetics 136:281-294 (1994)		
	Schnieke et al., "Embryonic lethal mutation in mice induced by retrovirus insertion into the $\alpha 1(I)$ collagen gene," Nature 304:315-320 (1983)		
	Sharma et al., "Differentiation of immortal cells inhibits telomerase activity," Proc. Natl. Acad. Sci. USA 92:12343-12346 (1995)		
	Sheay et al., "Downstream Insertion of the Adenovirus Tripartite Leader Sequence Enhances Expression in Universal Eukaryotic Vectors," BioTechniques 15(5):856-862 (1993)		
	Sinn et al., "Coexpression of MMTV/ <i>v-Ha-ras</i> and MMTV/ <i>c-myc</i> Genes in Transgenic Mice: Synergistic Action of Oncogenes In Vivo," Cell 49:465-475 (1987)		
	Skarnes et al., "A gene trap approach in mouse embryonic stem cells: the <i>lacZ</i> reporter is activated by splicing, reflects endogenous gene expression, and is mutagenic in mice," Genes & Development 6:903-918 (1992)		
	Skarnes et al., "Capturing genes encoding membrane and secreted proteins important for mouse development," Proc. Natl. Acad. Sci. USA 92: 6592-6596 (1995)		
	Solnica-Krezel et al., "Efficient Recovery of ENU-Induced Mutations from the Zebrafish Germline," Genetics 136:1401-1420 (1994)		
	Soneoka et al., "A transient three-plasmid expression system for the production of high titer retroviral vectors," Nucleic Acids Research 23(4):628-633 (1995)		
	Soriano et al., "Promoter Interactions in Retrovirus Vectors Introduced into Fibroblasts and Embryonic Stem Cells," Journal of Virology 65(5):2314-2319 (1991)		
EXAMINER	DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50001/002005
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	Not yet assigned
		Applicant	George A. Gaitanaris
		Filing Date	October 17, 2001
		Group	
		IDS Filed	October 17, 2001
(37 CFR §1.98(b))			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Soriano et al., "Retroviral Tagging in Mammalian Development and Genetics," in <u>Mobile DNA</u> (Chapter 42), eds. D.E. Berg and M. Howe, American Society for Microbiology, Washington, D.C., pp. 927-937 (1989)		
	Southern and Berg, "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter," <u>Journal of Molecular and Applied Genetics</u> 1:327-341 (1982)		
	Spradling et al., "Gene disruptions using <i>P</i> transposable elements: An integral component of the <i>Drosophila</i> genome project," <u>Proc. Natl. Acad. Sci. USA</u> 92:10824-10830 (1995)		
	Sundaresan et al., "Patterns of gene action in plant development revealed by enhancer trap and gene trap transposable elements," <u>Genes & Development</u> 9:1797-1810 (1995)		
	Swain and Coffin, "Mechanism of Transduction by Retroviruses," <u>Science</u> 255:841-845 (1992)		
	Takahashi et al., "Forward and Reverse Genetic Approaches to Behavior in the Mouse," <u>Science</u> 264:1724-1733 (1994)		
	Takeuchi et al., "Gene trap capture of a novel mouse gene, <i>jumonji</i> , required for neural tube formation," <u>Genes & Development</u> 9:1211-1222 (1995)		
	Triglia et al., "A procedure for <i>in vitro</i> amplification of DNA segments that lie outside the boundaries of known sequences," <u>Nucleic Acids Research</u> 16(16):8186 (1988)		
	Varmus et al., "Retroviruses as Mutagens: Insertion and Excision of a Nontransforming Provirus Alter Expression of a Resident Transforming Provirus," <u>Cell</u> 25:23-36 (1981)		
	Varmus and Brown, "Retroviruses," in <u>Mobile DNA</u> (Chapter 3), eds. D.E. Berg and M. Howe, American Society for Microbiology, Washington, D.C., pp 53-108 (1989)		
	von Melchner et al., "Selective disruption of genes expressed in totipotent embryonal stem cells," <u>Genes & Development</u> 6:919-927 (1992)		
	Wagner, R. W., "Gene inhibition using antisense oligodeoxynucleotides," <u>Nature</u> 372:333-335 (1994)		
	Weiher et al., "Transgenic Mouse Model of Kidney Disease: Insertional Inactivation of Ubiquitously Expressed Gene Leads to Nephrotic Syndrome," <u>Cell</u> 62:425-434 (1990)		
	Westerman and Leboulch, "Reversible immortalization of mammalian cells mediated by retroviral transfer and site-specific recombination," <u>Proc. Natl. Acad. Sci. USA</u> 93:8971-8976 (1996)		
	White et al., "Cell Killing by the <i>Drosophila</i> Gene <i>reaper</i> ," <u>Science</u> 271:805-807 (1996)		
EXAMINER	DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE		Attorney Docket No. 50001/002005 Serial No. Not yet assigned Applicant George A. Gaitanaris Filing Date October 17, 2001 Group IDS Filed October 17, 2001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		
(37 CFR §1.98(b))		
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)		
	Wurst et al., "A Large-Scale Gene-Trap Screen for Insertional Mutations in Developmentally Regulated Genes in Mice," <i>Genetics</i> 139:889-899 (1995)	
	Yee et al., "A general method for the generation of high-titer, pantropic retroviral vectors: Highly efficient infection of primary hepatocytes," <i>Proc. Natl. Acad. Sci. USA</i> 91:9564-9568 (1994)	
	Zwaal et al., "Target-selected gene inactivation in <i>Caenorhabditis elegans</i> by using a frozen transposon insertion mutant bank," <i>Proc. Natl. Acad. Sci. USA</i> 90:7431-7435 (1993)	
	Eggermont and Proudfoot, "Poly(A) Signals and Transcriptional Pause Sites Combine to Prevent Interference Between RNA Polymerase II Promoter," <i>The EMBO Journal</i> 12:2539-2548 (1993).	
	Friedrich and Soriano, "Insertional Mutagenesis by Retroviruses and Promoter Traps in Embryonic Stem Cells," <i>Methods in Enzymology</i> 225:681-701 (1993).	
	Melchner et al., "Selective Disruption of Genes Expressed in Totipotent Embryonal Stem Cells," <i>Genes & Development</i> 6:919-927 (1992).	
	Scherer et al., "Transcriptional Specificity of the Pluripotent Embryonic Stem Cell," <i>Cell Growth & Differentiation</i> 7:1393-1401 (1995).	
	Rijkers, T. et al., "Insertional Mutagenesis in Transgenic Mice," <i>Transgenic Research</i> 3:203-215 (1994).	
	Withers-Ward et al., "Distribution of targets for avian retrovirus DNA integration in vivo," <i>Genes & Development</i> 8:1473-1487 (1994)	
	Wood et al., "Non-injection methods for the production of embryonic stem cell-embryo chimaeras," <i>Nature</i> 365:87-89 (1993)	
EXAMINER		DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.		

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed	50001/002005 Not yet assigned George A. Gaitanaris October 17, 2001 October 17, 2001	
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	5,695,995	12/9/97	Weintraub			
	5,629,159	5/13/97	Anderson			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
	Miller et al. <i>BioTechniques</i> 7:980-990 (1989).					
	Morgan et al. <i>Advanced Drug Delivery Reviews</i> 12:143-158 (1993).					
	Davis et al. <i>Nature</i> 314:550-553 (1985).					
EXAMINER			DATE CONSIDERED			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						